

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2004/003559

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 H04N 7/015

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 H04N 7/015

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean Patents and applications for inventions since 1975Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
USPAT, IEEE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| X | US 5828954 A (LUCENT TECHNOLOGIES INC.) 27 OCTOBER 1998 | 1-5, 9-13 |
| Y | | 6-8, 14-16 |
| A | KR 2002-0088304 A (LG ELECTRONICS) 27 NOVEMBER 2002 | 1,9 |
| A | IEEE Transactions on Broadcasting, Vol.48, No.2, JUNE 2002, Salehian, K. et al. : "On-channel repeater for digital television broadcasting service" | 1,9 |

 Further documents are listed in the continuation of Box C. See patent family annex.

- * Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed
- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

25 APRIL 2005 (25.04.2005)

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27 APRIL 2005 (27.04.2005)

Name and mailing address of the ISA/KR



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